

According to Fig. 5, the packs pass through a canal with side walls 20 and 21 which have guide rails 23 and 24. According to Fig. 5a, two packs 26 and 32 are oriented toward to the right by means of guide rails 23 and 24. In the position 5b, a pack 25 has been pushed along the feed slope 32 of guide rail 22 and the feed slope 34 to the left, while the pack 27 lying below passes further along guide rail 24. By virtue of this, in the following position 5c a severing lug 31, designed as a heating plate, can grip under the pack 25 with its frontal part and guide the pack across the severing lug 31. The packs 28 and 29 can therefore be heated up on their top and bottom sides by a heating plate 30 arranged above the conveying belt, a heating element arranged in the severing lug 31, and by a heating plate forming the base of the heating stand, so that shrinkage of the wrapper can also occur at the sides. Following this heating treatment the pack 28 is again pushed to the left into the same orientation as that of the pack 29 lying below it.

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Patent claims 1 and 3:

20 1. Method for manufacturing packaging units having superior optic characteristics and improved thermal block behavior in which an essentially cuboid-shaped pack is surrounded with polypropylene film to form a wrapper, with the polypropylene film being sealed in the zones of overlap by the application of heat, characterized in that the pack unit with the wrapper, after being sealed, is subjected to a further heat treatment process.

25 2. Method according to Claim 1, characterized in that the heat treatment is executed by heating plates, with the heating plates being kept at a temperature ranging from 110 to 140 °C and the pack unit is brought into direct contact with these heating plates for a duration ranging from 0.1 to 4 seconds.

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